

NOV 1 2 2013

Mailed Nov. 11, 2013

AT&T Services, Inc. 2600 Camino Ramon, Rm 3E450Z F: 281.664.4201 San Ramon, CA 94583

T: 925.327.2532 www.att.com

November 11, 2013

East Tennessee Permit Program Division of Air Pollution Control William R. Snodgrass Tennessee Tower 312 Rosa L Parks Avenue, 15th Floor Nashville, TN 37243

Cookeville Environmental Field Office Division of Air Pollution Control 1221 South Willow Avenue Cookeville, TN 38506

Re:

Startup Certification for 967419P and Operating Permit Application 230 H A Dillon Lane, McMinnville, Tennessee (Emission Source 89-0177-01)

Dear Sir or Madam:

On behalf of New Cingular Wireless PCS, LLC dba AT&T Mobility (referred to herein as "AT&T"), we are submitting the enclosed application for operation of one (1) Generac Model SD050 diesel-fired emergency generator with an engine rated at 70 kilowatts located 230 H A Dillon Lane, McMinnville, Tennessee. The permit application forms can be found in Attachment A.

AT&T received Permit to Construct 967419P issued by the Tennessee Department of Environment and Conservation (TDEC) authorizing the installation of the generator. Pursuant to Condition 26 of the permit, this letter serves as notification of a start-up date of October 30, 2013 and is being submitted within 30 days of startup. Additionally, a complete copy of the construction permit with the startup certification is included in Attachment B.

AT&T is submitting the attached TDEC Forms APC-100, APC-101, and APC-102 to obtain an operating permit for the emergency generator in accordance with Condition 25. Additionally, AT&T is requesting the following changes be made to the Permit to Construct 967419P.

- Please add the following language to Condition 5, in accordance with 60.4211(f)(3)(i)(E):
 - "The owner or operator identifies and records the entity that dispatches the engine and specific NERC, regional, state, public utility commission or local standards or quidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator."
- Please correct the CO hourly emission limit in Condition 16 to be rounded to 0.77 lb/hr.

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• Please correct the NO_X hourly emission limit in Condition 17 to be rounded to 0.73 lb/hr.

AT&T appreciates TDEC's review of this application. If you have any questions, or need further information, please do not hesitate to contact me at (925) 327-2532.

Sincerely,

AT&T SERVICES, INC.

M Blazek (w Barbara Walden

Manager, Environment, Health & Safety

Attachments

ATTACHMENT A

APPLICATION FORMS

State of Tennessee Department of Environment and Conservation Division of Air Pollution Control William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor Nashville, TN 37243 Telephone: (615) 532-0554



NON-TITLE V PERMIT APPLICATION FACILITY IDENTIFICATION

Please	type or print and submit in du	plicate for ea	ach emission source. A	Attach appropriate	e source description forms.					
SITE INFORMATION										
Organization's legal name New Cingular Wireless PCS, LLC dba AT&T Mobility					APC Company point no.					
2. Site name (if different from	om legal name)	APC use only	APC Log/Permit no.							
3. Site address (St./Rd./Hw 230 H A Dillon Lane		County n Warren	County name Warren							
City or distance to nearest town Zip code McMinnville 37110				4. NA 517210	i					
5. Site location (in lat. /long.) Latitude 35°39'41.25"				Longitud- -85°47'(
	CONTACT	INFORMA	ATION (RESPON	SIBLE PERSO	ON)					
6. Responsible person/Autl Michele M. Blazek, Assis				Phone nu (925) 32	mber with area code 27-2532					
Mailing address (St./Rd./ 2600 Camino Ramon, Ro				Fax numb (281) 66	per with area code 64-4201					
City San Ramon		State CA	Zip code 94583	Email add bw2989	dress @att.com					
	CONT	CACT INF	ORMATION (TE	CHNICAL)						
7. Principal technical conta Barbara Walden, EH&S N					Phone number with area code (925) 327-2532					
Mailing address (St./Rd./ 2600 Camino Ramon, Roc	* *			li .	Fax number with area code (281) 664-4201					
City San Ramon		State CA	Zip code 94583	Email address bw2989@att.com						
	CO	NTACT IN	FORMATION (B	ILLING)						
8. Billing contact Barbara Walden, EH&S N				i i	Phone number with area code (925) 327-2532					
Mailing address (St./Rd./ 2600 Camino Ramon, Roo				l l	Fax number with area code (281) 664-4201					
City San Ramon		State CA	Zip code 94583	I	Email address bw2989@att.com					
	EN	IISSION S	OURCE INFORM	ATION						
9. Emission source no. (nun GEN 1	nber which uniquely identifies	this source)								
10. Brief description of emis										
50 kW diesel-fired emerge	ency generator (design ra	ating) equi	pped with an engi	ne rated at 70) kW (93 hp).					
11. Normal operation:	Hours/Day	Days/W	leek	Weeks/Year	Days/Year					
500 hours/year	N/A	N/A		N/A	N/A					
12. Percent annual throughput	Dec. – Feb. N/A	March - N/A	- Мау	June – Augu N/A	st Sept. – Nov. N/A					

TYPE OF PERMIT REQUESTED								
13. Operating permit	Date construction star	CONTRACTOR OF THE PARTY OF THE	Date completed	Las	t permit no.	Emission source refe	erence	
	September 17, 2013 October 30, 2013				419P	number 89-0177-01		
Construction permit	Last permit no.			Em	ission source referen			
	East permit no.							
()								
If you choose Construction permit,		ew Construct		transfer	Completie 1			
	New Construction		Starting date		Completion date			
	()							
		Date modification started or v	vill start	Date completed or	r will complete			
Location transfer Transfer date Address of last location				cation				
] (()							
14. Describe changes that have been i	made to this equipme	ent or opera	tion since the last constructi	on or oper	ating permit applic	cation:		
The September cominges time may be seen					91 11			
N/A								
IN/A								
			CICNATUDE					
D1	C		SIGNATURE	gon of the	ahova mantian	I facility contifue	t the	
Based upon information and belief for information contained in this application.	formed after a reason	nable inqui	ry, I, as the responsible per	son of the	of my knowledge	As specified in To	ι ine ⊃Δ	
Section 39-16-702(a)(4), this declara				o me best	of my knowledge	As specified in 10	CA	
			perjury.	L n. c				
15. Signature (application must be sign	ned before it will be p	rocessed)		Date	8/2013			
Thichile m Blanch	_			///	8/2013			
Signer's name (type of print)		Title		Phone n	umber with area c	ode		
Michele M. Blazek	a a	Assistant	Secretary	Secretary 925-327-2532				
Note: For cyclones, settling chambers, wet				correspond	to the following per	rcentages:		
High: 95-99+%. Medium: If the system has several pieces of connect	: 80-95% ted control equipment,	And Low indicate the	Example: 008'0. Sequence. For example: 008'0.		to the following per	rcentages:		
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a	: 80-95% ted control equipment, a code for other and sp	And Low indicate the pecify in the	r: Less than 80%. sequence. For example: 008'(comments. Limestone Injection)10.97% - Dry	5		041	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp	And Low, indicate the oecify in the o	r: Less than 80%. sequence. For example: 008'(comments. Limestone Injection Limestone Injection	010.97% – Dry – Wet			042	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp	And Low, indicate the pecify in the community of the comm	r: Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Limestone Injection Liquid Filtration Sy	010.97% - Dry - Wet stem			042 049	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp	And Low, indicate the pecify in the common of the common o	r: Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Limestone Injection Liquid Filtration Sy Mist Eliminator – F	010.97% - Dry - Wet stem	ty		042 049 014	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp	And Low, indicate the pecify in the community of the comm	r: Less than 80%. sequence. For example: 008'(comments. D. Limestone Injectior Liquid Filtration Sy Mist Eliminator – I Mist Eliminator – L	10.97% - Dry - Wet stem ligh Veloci ow Veloci	tyy		042 049 014 015	
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High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp	And Low, indicate the ecify in the company of the c	r. Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Limestone Injection Liquid Filtration Sy Mist Eliminator – For Mist Eliminator – Loroness Change D. Process Change D. Process Gas Recove	- Dry - Wetstem ligh Velocit	tyy		042 049 014 015 046 054	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment. Activated Carbon Adsorption. Afterburner – Direct Flame. Afterburner – Direct Flame with Heat Excl Afterburner – Catalytic. Afterburner – Catalytic with Heat Exchang Alkalized Alumina. Catalytic Oxidation – Flue Gas Desulfuriza Cyclone – High Efficiency.	: 80-95% ted control equipment, a code for other and sp changer ger ation	And Low, indicate the secify in the company of the	r. Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Liquid Filtration Sy Mist Eliminator – I Mist Eliminator – I Process Change Process Gas Recove Settling Chamber –	- Dry - Wet stemligh Velocitow Velocitory - High Effic	tyy		042 049 014 015 046 054 060	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp changer ger ation	And Low, indicate the secify in the company of the	r. Less than 80%. sequence. For example: 008'0 comments. D. Limestone Injection E. Limestone Injection Liquid Filtration Sy Mist Eliminator – I Mist Eliminator – L M	I – Dry I – Wetstemligh Velocitow Velocitow High Effic Medium E	tyy		042 049 014 015 046 054 060	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp shanger ation	And Low, indicate the secify in the company of the	r: Less than 80%. sequence. For example: 008'(comments. D: Limestone Injection B: Limestone Injection B: Limestone Injection B: Limestone Injection C: Liquid Filtration Sy C: Mist Eliminator – F C: Mist Eliminator – L C: Process Change D: Process Enclosed D: Process Gas Recove C: Settling Chamber – C: Settling Chamber	a – Dry b – Wetstemligh Velocition Velocition High Effic Medium E Low Efficious Contro	tyiency		042 049 014 015 046 054 006 005 006	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp changer ger ation or Wetting Agents	And Low, indicate the secify in the company of the	r. Less than 80%. sequence. For example: 008'0 comments. D. Limestone Injection B. Limestone Injection B. Liquid Filtration Sy D. Mist Eliminator – I D. Mist Eliminator – I D. Process Change D. Process Enclosed D. Process Gas Recove D. Process Gas Recove D. Settling Chamber – B. Settling Chamber – D. Settling Chamber –	a – Dry b – Wetstemligh Velocition Velocition High Effic Medium E Low Efficious Contro – Contact	ty		042 049 014 015 046 054 060 004 005 006 052	
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High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp changer ation or Wetting Agents y ency	And Low, indicate the secify in the company of the	r. Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Liquid Filtration Sy Mist Eliminator – I Mist Eliminator – I Process Change Process Gas Recove Settling Chamber – Settling Chamber – Settling Chamber – Settling Chamber – Spray Tower (Gase Sulfuric Acid Plant	I – Dry I – Wetstemligh Velocitow Velocitom High Effic Medium E Low Efficous Contro – Contact I – Double C	iency		042 049 014 015 046 054 060 004 005 006 052 043	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment Activated Carbon Adsorption Afterburner – Direct Flame with Heat Excl Afterburner – Catalytic Afterburner – Catalytic with Heat Exchang Alkalized Alumina Catalytic Oxidation – Flue Gas Desulfuriza Cyclone – High Efficiency Cyclone – Medium Efficiency Dust Suppression by Chemical Stabilizers Electrostatic Precipitator – High Efficiency Electrostatic Precipitator – Medium Efficiency Fabric Filter – High Temperature	: 80-95% ted control equipment, a code for other and sp changer ger ation or Wetting Agents y ency	And Low, indicate the secify in the company of the	r. Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Limestone Injection Liquid Filtration Sy Mist Eliminator – I Mist Eliminator – I Mist Eliminator – I Mist Eliminator – Septimentor – I Mist Eliminator – I Mist Eliminator – Septimentor – I Mist Eliminator –	i – Dry i – Wetstemligh Velocitow Velocitom High Effic Medium E Low Efficious Contro – Contact – Double Costem (Including Including	iency	looding and	042 049 014 015 046 054 060 004 005 006 052 043 044	
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High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp changer ger ation or Wetting Agents y ency y s) Tal	And Low, indicate the secify in the control of the	r. Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection Liquid Filtration Sy Mist Eliminator – I Mist Eliminator – I Mist Eliminator – I Mist Eliminator – Sy Mist Eliminator – Lo Mist Eliminator	n – Dry	iency	Jooding and	042 049 014 015 046 004 005 006 005 005 043 044 045 047 053 001 002	
High: 95-99+%. Medium: If the system has several pieces of connect If none of the below codes fit, use 999 as a No Equipment	: 80-95% ted control equipment, a code for other and sp shanger ation or Wetting Agents y ency y Shanger Tal	And Low, indicate the secify in the company of the	r. Less than 80%. sequence. For example: 008'(comments. D. Limestone Injection B. Limestone Injection B. Liquid Filtration Sy D. Liquid Filtration Sy	i – Dry	iency	looding and	042 049 014 015 046 054 006 005 006 052 043 044 045 001 002 003 001	
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State of Tennessee
Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243
Telephone: (615) 532-0554



NON-TITLE V PERMIT APPLICATION EMISSION POINT DESCRIPTION

Please type or print	and submit in d	uplicate for each	n stack or emis	ssion sou	rce. Attach to the No	n-Title	V Facility Ident	tification Form (A	PC 100).		
GENERAL IDENTIFICATION AND DESCRIPTION											
1. Organization name							For	APC Company po	int no.		
New Cingular Wireless PCS, LLC dba AT&T Mobility APC											
2. Emission source no. (As on Non-Title V Facility Identification Form) Flow diagram point number only APC Log/Permit no.								0.			
GEN 1		······································									
3. Brief emission point descr	ription (Attach a	a sketch if appro	priate):					Distance to neares	property line (Ft.)		
Emergency use diesel ger	erator desigi	ned for 50 kV	V; maximuı	m engin	e output of 70 k	W (93	hp).				
			STACK A	ND EM	ISSION DATA						
4. Stack or emission point data:	Height above	grade (Ft.)	Diameter (Ft.)	Temperature (°F)	% of t	ime over 125°F	Direction of ex			
→	7		0.25		930	100		Up			
Data at exit conditions:	Flow (actual	Ft. ³ /Min.)	Velocity (F	t.	Moisture (Grains/F	t. ³)		Moisture (Percent)			
>	534		/Sec.) 181.3								
Data at standard conditions:	Flow (Dry sto	I. Ft. ³ /Min.)	Velocity (F	Velocity (Ft. Moisture (Grains/Ft. ³)				Moisture (Percent)			
war >	A44										
5. Air contaminants			Actual emissions								
	Emission	s (Lbs./Hr.)									
	Average	Maximum	Concen	tration	Avg. emissio (Tons/Yr.)		Emissions est. method code	Control devices *	Control efficiency%		
Particulate matter	0.06	0.06	** 8.82E-0	4 lb/kW-	hr 0.02		5 (Tier 3)	None	N/A		
Sulfur dioxide (SO ₂)	0.19	0.19	*** 2.05E-0)3 lb/hp-l	nr 0.05		3	None	N/A		
Carbon monoxide (CO)	0.77	0.77	PPM 1.10E-	-02 lb/kW-l	hr 0.19		5 (Tier 3)	None	N/A		
Organic compounds	0.02	0.02	PPM _{2.65E} -	-04 lb/kW-l	hr 4.63E-03	3	5 (Vendor)	None	N/A		
Nitrogen oxides (NO _x)	0.73	0.73	PPM 1.04E-	02 lb/kW-l	or 0.18		5 (Tier 3)	None	N/A		
Fluorides											
Greenhouse gases (CO ₂ equivalents)	126	126	1.80 lb/	kW-hr	31.48		5 (Vendor)	None	N/A		
Hazardous air pollutant (specify) Single- formaldehyde	7.68E-04	7.68E-04	8.26E-06	lb/hp-h	ır 1.92E-04		3	None	N/A		
Hazardous air pollutant (specify) Total	2.47E-03	2.47E-03	2.65E-05	lb/hp-h	er 6.17E-04		3	None	N/A		
Other (specify)											
Other (specify)											
Other (specify)				,,,,							

6. Check types of n	nonitoring and recording instruments that are attached:
Opacity monitor	
7. Comments	(
	ad based on the governor angusting at full consolity for 500 hours payyour maximum engine rating, and Tier 3
Emissions calculate	ed based on the generator operating at full capacity for 500 hours per year, maximum engine rating, and Tier 3
emission factors to	or CO, NOX, and PM. Vendor factors used for VOC and GHG. AP-42 factor from Section 3.3 used for SO2.
8. Control device or Method code	Description of operating parameters of device (flow rate, temperature, pressure drop, etc.):
description:	N/A
description.	
* Defends the table	s halow for entirection mathed and control device codes

- Refer to the tables below for estimation method and control device codes. Exit gas particulate matter concentration units: Process Grains/Dry Standard Ft³ (70°F), Wood fired boilers Grains/Dry Standard Ft³ (70°F), all other boilers Lbs. /Million BTU heat input.
- *** Exit gas sulfur dioxide concentrations units: Process PPM by volume, dry bases, and boilers Lbs. /Million BTU heat input

<u>Table of Pollution Reduction Device or Method Codes</u> (Alphabetical listing)

Note: For cyclones, settling chambers, wet scrubbers, and electrostatic precipitators; the efficiency ranges correspond to the following percentages:

High: 95-99+%. Medium: 80-95% And Low: Less than 80%.

If the system has several pieces of connected control equipment, indicate the sequence. For example: 008'010.97% If none of the below codes fit, use 999 as a code for other and specify in the comments.

No Equipment	000	Limestone Injection – Dry	041
No Equipment	048	Limestone Injection – Wet	042
Afterburner – Direct Flame		Liquid Filtration System	
Afterburner – Direct Flame with Heat Exchanger		Mist Eliminator – High Velocity	
Afterburner – Catalytic		Mist Eliminator - Low Velocity	
Afterburner – Catalytic with Heat Exchanger		Process Change	
Alkalized Alumina		Process Enclosed	054
Catalytic Oxidation – Flue Gas Desulfurization		Process Gas Recovery	
Cyclone – High Efficiency		Settling Chamber – High Efficiency	004
Cyclone – Medium Efficiency	008	Settling Chamber – Medium Efficiency	005
Cyclone – Low Efficiency	009	Settling Chamber – Low Efficiency	006
Dust Suppression by Chemical Stabilizers or Wetting Agents	062	Spray Tower (Gaseous Control Only)	052
Electrostatic Precipitator – High Efficiency	010	Sulfuric Acid Plant - Contact Process	043
Electrostatic Precipitator – Medium Efficiency		Sulfuric Acid Plant - Double Contact Process	044
Electrostatic Precipitator – Low Efficiency		Sulfur Plant	045
Fabric Filter – High Temperature		Vapor Recovery System (Including Condensers, Hooding and	
Fabric Filter – Medium Temperature		Other Enclosures)	047
Fabric Filter – Low Temperature		Venturi Scrubber (Gaseous Control Only)	053
Fabric Filter - Metal Screens (Cotton Gins)		Wet Scrubber - High Efficiency	001
Flaring		Wet Scrubber - Medium Efficiency	002
Gas Adsorption Column Packed		Wet Scrubber - Low Efficiency	
Gas Adsorption Column – Tray Type		Wet Suppression by Water Sprays	061
Gas Scrubber (General: Not Classified)			
,			

Table of Emission Estimation Method Codes

Not application / Emissions are known to be zero
Emissions based on source testing
Emissions based on material balance using engineering expertise and knowledge of process
Emissions calculated using emission factors from EPA publications No. AP-42 Compilation of Air Pollution Emissions Factors
udgment.
Emissions calculated using a special emission factor different from that in AP-42
Other (Specify in comments)

RDA-1298 CN-0742 (Rev. 5-13)

State of Tennessee Department of Environment and Conservation Division of Air Pollution Control William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor Nashville, TN 37243

Telephone: (615) 532-0554



NON-TITLE V PERMIT APPLICATION PROCESS OR FUEL BURNING SOURCE DESCRIPTION

Please type or print and submit in duplicate and attach to the Non-Title V Facility Identification Form (APC 100).									
GENERAL IDENTIFICATION AND DESCRIPTION									
Organization name New Cingular Wireless PCS, LLC dba A7	Г&Т Mobility	For	APC Company – Point no.						
2. Emission source no. (As on Non-Title V Facili	ity Identification Form)	APC use	APC Log/Permit no.						
GEN 1		only							
3. Description of process unit		Transaction of the second							
Emergency use generator, GENERAC 5564-0 (SD-050). Engine manufactured after April 1, 2006. Rated at 50 kW; maximum engine output of 70 kW. Limited to 500 operating hours per year.									
	PROCESS SOURCE DES	CRIPTION AND DATA							
4. Type of source			(Check only one option below)						
Process Source: Apply for a separate Permit for each	h source. (Check at right and co	omplete lines 5, 6, and 11)	()						
Process Source with in process fuel: Products of con Apply for a separate permit for each source. (Check			()						
Non-Process fuel burning source: Products of comb Complete this form for each boiler or fuel burner an (APC 101) for each stack. (Check at right and comp	d complete a Non-Title V Emis	ssion Point Description Form	(×)						
5. Type of operation: Continuous ()	Batch ()	Normal batch time	Normal batches/day						
6. Process material inputs and	Diagram reference	Inpi	ut rates (pounds/hour)						
In-process solid fuels		Design	Actual						
A.									
В.									
C.									
D.									
E.									
F.		WWW.							
G.	44-14-14-14-14-14-14-14-14-14-14-14-14-1								
	Totals								

(Over)

^{*} A simple process flow diagram must be attached.

								NG PR	OCESS DESCRI	PTI	ON
7. Boiler or burner data: (Complete lines 7 to 11 using a separate form for each boiler, burner, etc.)											
Number	Stad	ck nber**	Type of firing***		Rated h	orsepower	Rated input capacity (106 BTU/Hr.)			Other rating (specify capacity and units)	
GEN 1	GE	N 1	Internal Combustion Engine 93 (engi		gine)	0.57 (engine)		70.1 337 (70 kW (engine); 50 kW (generator)		
Serial no.		Date con	structed	Date manufacture	nanufactured Date of last modification (explain in comments below)					ow)	
N/A		Septem	ber 17, 2013	2013	***************************************						
*** Cyclone	e, spre	ader (with other type	(describe below in	ion), pulverized (we comments).	•				on), other stoker (sp		
0 5 11/	·								L BURNING SO	UR	CE
8. Fuel data: ((specify)	Ultra low sulfur	in process fuel or a	non-proces			e) type(s) (s	specify)		
Fuels used			Annual usage		y usage	9,	<u></u>	%	BTU value		(For APC use only)
l dels daed			/tillual usage	Design	Average		lfur	Ash	of fuel		SCC code
Natural gas:			10 ⁶ Cu. Ft.	Cu. Ft.	Cu. Ft.	//	/ /	/ /	1,000		500 0000
#2 Fuel oil:	***************************************	***************************************	10 ³ Gal.	Gal.	Gal.			1 /			
Primary			2.08	4.15	4.15	0.0	015	/ / /	137,000 Btu/gal		
#5 Fuel oil:			10 ³ Gal.	Gal.	Gal.			/ / / / /			
#6 Fuel oil:			10 ³ Gal.	Gal.	Gal.			/ / / / /			
Coal:			Tons	Lbs.	Lbs.				***************************************		
Wood:			Tons	Lbs.	Lbs.	//		/ / / / /			
Liquid prop	ane:		10 ³ Gal.	Gal.	Gal.	//		/ / / / /	85,000		
Other (speci units):	fy typ	e &									
	used a	s a fuel, sp	ecify types and es	timate percent by	weight of b	ark				1	
N/A											
10. If Wood is a	used v	vith other	fuels, specify perc	ent by weight of wo	ood charge	d to the bur	ner.				
11. Comments											
1	ed to	500 ope	rating hours pe	r year and will o	perate as	an emerg	ency o	engine.			